

# Comparisons of Job Characteristics

**Focus Occupation: Pourers and Casters, Metal (51-4052)**

**Associated Occupation: Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders (51-9041)**

Compare Knowledge

Compare Skills

Compare Abilities

Compare Detailed Work Activities

Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 85

**Focus Occupation: Pourers and Casters, Metal (51-4052)**

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Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Production and Processing	6.0	11.0	7.5	<< Extensive education and/or training may be required
Mechanical	6.8	9.5	3.7	<< Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 86

**Focus Occupation: Pourers and Casters, Metal (51-4052)**

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Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation Monitoring	6.6	12.3	9.5	<< Extensive development of skills in this area may be required
Operation and Control	5.4	11.2	8.7	< A higher skill level may be required
Troubleshooting	4.5	7.4	6.2	< A higher skill level may be required
Equipment Maintenance	3.5	6.6	6.7	0 Current skill level may be sufficient
Repairing	3.4	6.6	5.8	< A higher skill level may be required
Equipment Selection	3.3	5.8	4.2	<< Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 86			
Focus Occupation: Pourers and Casters, Metal (51-4052) Associated Occupation: Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders (51-9041)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Reaction Time	4.8	11.5	9.0	<	Some improvement in abilities may be required
Rate Control	3.8	11.4	7.2	<<	Extensive improvement in abilities may be required
Perceptual Speed	7.4	11.2	9.0	<	Some improvement in abilities may be required
Auditory Attention	5.9	10.1	7.6	<<	Extensive improvement in abilities may be required
Hearing Sensitivity	5.6	9.1	6.6	<<	Extensive improvement in abilities may be required
Stamina	4.0	7.3	6.0	<	Some improvement in abilities may be required
Wrist-Finger Speed	3.2	6.7	3.8	<<	Extensive improvement in abilities may be required
Speed of Limb Movement	3.2	6.2	4.4	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 87
<b>Focus Occupation: Pourers and Casters, Metal (51-4052)</b> <b>Associated Occupation: Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders (51-9041)</b>		
Work Activities	Exclusivity of Activity	
Adjust production equipment/machinery setup	25	
Collect samples for testing	58	
Construct molds	81	
Examine products or work to verify conformance to specifications	15	
Load or unload material or workpiece into machinery	34	
Maintain or repair industrial or related equipment/machinery	39	
Monitor production machinery/equipment operation to detect problems	27	
Operate hoist, winch, or hydraulic boom	34	
Use hand or power tools	2	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: n/a

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**Associated Occupation: Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders (51-9041)**

Tools and Technologies	Exclusivity
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Tools and technology data is unavailable for one or both occupations.	
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Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.